

WHAT IS CLAIMED IS:

1. A light emitting device comprising:
a first electrode on a first insulating film;
5 a second electrode in contact with the first electrode;
a second insulating film formed on the second electrode;
an organic compound layer located on the first electrode; and
a third electrode located on the organic compound layer,
wherein end portions of the second insulating film are provided outside end portions
10 of the second electrode and are not overlapped with end portions of the organic compound
layer.

2. A light emitting device comprising:
a first electrode on a first insulating film;
15 a second electrode in contact with end portions of the first electrode;
a second insulating film which is provided on the second electrode and its end portions
are located outside the second electrode;
an organic compound layer located on the first electrode; and
a third electrode located on the organic compound layer,
20 wherein end portions of the organic compound layer are not overlapped with end
portions of the second insulating film.

3. A light emitting device comprising:
a first electrode provided between a first wiring and a second wiring;

a second electrode connected with the first electrode;
an organic compound layer located on the first electrode; and
a third electrode located on the organic compound layer,
wherein the organic compound layer and the third electrode are provided inside the
5 first wiring and the second wiring.

4. A light emitting device comprising:
a first wiring on a first insulating film;
a second insulating film provided on the first wiring;
10 a second wiring;
a third insulating film provided on the second wiring;
a first electrode provided between the first wiring and the second wiring;
an organic compound layer located on the first electrode; and
a third electrode located on the organic compound layer,
15 wherein the first wiring is in contact with the first electrode, end portions of the
second insulating film are provided outside the first wiring, end portions of the third
insulating film are provided outside the second wiring, and the organic compound layer and
the third electrode are provided inside the first wiring and the second wiring.

20 5. A light emitting device in which a pixel portion is formed on a first insulating film,
comprising:
a first electrode provided between a first wiring and a second wiring;
a first organic compound layer provided on the first electrode;
a second electrode provided on the first organic compound layer;

a third electrode provided between the second wiring and a third wiring;
a second organic compound layer provided on the third electrode; and
a fourth electrode provided on the second organic compound layer,
wherein the second electrode is connected with the fourth electrode in an outer edge
5 portion of the pixel portion.

6. A light emitting device having a pixel portion on a first insulating film, comprising:
a first electrode provided between a first wiring and a second wiring;
a first organic compound layer provided on the first electrode;
10 a second electrode provided on the first organic compound layer;
a first insulating film and a second insulating film provided on the first wiring and the
second wiring, respectively, end portions of the first insulating film and the second insulating
film extending beyond side portions of the first wiring and the second wiring;
a third electrode provided between the second wiring and a third wiring;
15 a second organic compound layer provided on the third electrode;
a fourth electrode provided on the second organic compound layer; and
a third insulating film and a fourth insulating film provided on the third wiring and a
fourth wiring, respectively, end portions of the third insulating film and the fourth insulating
film extending beyond side portions of the third wiring and the fourth wiring,
20 wherein the first organic compound layer is provided not to overlap with the end
portions of the first insulating film and the second insulating film and the second electrode is
connected with the fourth electrode in an outer edge portion of the pixel portion.

7. A light emitting device having a pixel portion on a first insulating film, the pixel

portion comprising:

a first electrode provided between a first wiring and a second wiring;

a first organic compound layer provided on the first electrode;

a second electrode provided on the first organic compound layer;

5 a third electrode provided between the second wiring and a third wiring;

a second organic compound layer provided on the third electrode; and

a fourth electrode provided on the second organic compound layer,

wherein the pixel portion is provided in a closed space produced by a sealing member
and a concentration of oxygen and moisture in the closed space is 2 ppm or lower.

10

8. A light emitting device having a pixel portion on a first insulating film, the pixel
portion comprising:

a first electrode provided between a first wiring and a second wiring;

a first organic compound layer provided on the first electrode;

15 a second electrode provided on the first organic compound layer;

a third electrode provided between the second wiring and a third wiring;

a second organic compound layer provided on the third electrode; and

a fourth electrode provided on the second organic compound layer,

wherein the pixel portion is provided in a closed space produced by a sealing member,
20 the closed space is filled with at least one gas selected from the group consisting of nitrogen,
helium, argon, krypton and neon, and a concentration of oxygen and moisture in the closed
space is 2 ppm or lower.

9. A method of manufacturing a light emitting device comprising the steps of:

forming an organic compound layer;
performing thermal treatment at a reduced pressure after forming the organic compound layer;
forming an electrode on the organic compound layer;
5 sealing the organic compound layer in a closed space provided with a dry agent; and
performing heating and cooling after sealing the organic compound layer in the closed space.

10 10. A method of manufacturing a light emitting device comprising the steps of:
forming a first insulating film;
forming a first electrode on the first insulating film;
forming a second electrode in contact with the first electrode and a second insulating film located on the second electrode;
forming an organic compound layer on the first electrode;
15 forming a third electrode on the organic compound layer;
sealing the organic compound layer in a closed space provided with a dry agent; and
performing heating and cooling after sealing the organic compound layer in the closed space.

20 11. A method of manufacturing a light emitting device comprising the steps of:
forming a first wiring, a first insulating layer provided on the first wiring, a second wiring, and a second insulating layer provided on the second wiring;
forming an organic compound layer in a self-alignment manner using the first insulating layer and the second insulating layer as masks;

forming a third electrode on the organic compound layer in a self-alignment manner using the first insulating layer and the second insulating layer as masks;

sealing the organic compound layer and the third electrode in a closed space provided with a dry agent; and

5 performing heating and cooling after sealing the organic compound layer and the third electrode in the closed space.

12. A method of manufacturing a light emitting device according to claim 9, wherein heating and cooling are repeated plural times.

10

13. A method of manufacturing a light emitting device according to claim 10, wherein heating and cooling are repeated plural times.

14. A method of manufacturing a light emitting device according to claim 11, wherein heating and cooling are repeated plural times.

15

15. A method of manufacturing a light emitting device according to claim 9, wherein a heating temperature is 60 °C or higher and lower than 100 °C and a cooling temperature is 0 °C or lower and higher than -10 °C.

20

16. A method of manufacturing a light emitting device according to claim 10, wherein a heating temperature is 60 °C or higher and lower than 100 °C and a cooling temperature is 0 °C or lower and higher than -10 °C.

17. A method of manufacturing a light emitting device according to claim 11, wherein a heating temperature is 60 °C or higher and lower than 100 °C and a cooling temperature is 0 °C or lower and higher than -10 °C.

5 18. A method of manufacturing a light emitting device according to claim 9, wherein a dew point of a gas present in the closed space is -50 °C or lower.

19. A method of manufacturing a light emitting device according to claim 10, wherein a dew point of a gas present in the closed space is -50 °C or lower.
10

20. A method of manufacturing a light emitting device according to claim 11, wherein a dew point of a gas present in the closed space is -50 °C or lower.

21. A method of manufacturing a light emitting device according to claim 9, wherein a
15 concentration of oxygen and moisture in the closed space is 50 ppm or lower.

22. A method of manufacturing a light emitting device according to claim 10, wherein a concentration of oxygen and moisture in the closed space is 50 ppm or lower.

20 23. A method of manufacturing a light emitting device according to claim 11, wherein a concentration of oxygen and moisture in the closed space is 50 ppm or lower.

24. A method of manufacturing a light emitting device according to claim 9, wherein the closed space is filled with at least one gas selected from the group consisting of nitrogen,

helium, argon, krypton, and neon.

25. A method of manufacturing a light emitting device according to claim 10, wherein the closed space is filled with at least one gas selected from the group consisting of nitrogen,
5 helium, argon, krypton, and neon.

26. A method of manufacturing a light emitting device according to claim 11, wherein the closed space is filled with at least one gas selected from the group consisting of nitrogen, helium, argon, krypton, and neon.
10

27. A method of manufacturing a light emitting device according to claim 9, wherein the dry agent is made of barium oxide.

28. A method of manufacturing a light emitting device according to claim 10, wherein
15 the dry agent is made of barium oxide.

29. A method of manufacturing a light emitting device according to claim 11, wherein the dry agent is made of barium oxide.

20 30. A light emitting device according to claim 1, wherein the light emitting device is at least one device selected from the group consisting of: a monitor of a desktop personal computer, a video camera, a head-mounted EL display, a DVD, a goggle type display, a laptop personal computer, a portable telephone, a car audio equipment and a digital camera.

31. A light emitting device according to claim 2, wherein the light emitting device is at least one device selected from the group consisting of: a monitor of a desktop personal computer, a video camera, a head-mounted EL display, a DVD, a goggle type display, a laptop personal computer, a portable telephone, a car audio equipment and a digital camera.

5

32. A light emitting device according to claim 3, wherein the light emitting device is at least one device selected from the group consisting of: a monitor of a desktop personal computer, a video camera, a head-mounted EL display, a DVD, a goggle type display, a laptop personal computer, a portable telephone, a car audio equipment and a digital camera.

10

33. A light emitting device according to claim 4, wherein the light emitting device is at least one device selected from the group consisting of: a monitor of a desktop personal computer, a video camera, a head-mounted EL display, a DVD, a goggle type display, a laptop personal computer, a portable telephone, a car audio equipment and a digital camera.

15

34. A light emitting device according to claim 5, wherein the light emitting device is at least one device selected from the group consisting of: a monitor of a desktop personal computer, a video camera, a head-mounted EL display, a DVD, a goggle type display, a laptop personal computer, a portable telephone, a car audio equipment and a digital camera.

20

35. A light emitting device according to claim 6, wherein the light emitting device is at least one device selected from the group consisting of: a monitor of a desktop personal computer, a video camera, a head-mounted EL display, a DVD, a goggle type display, a laptop personal computer, a portable telephone, a car audio equipment and a digital camera.

36. A light emitting device according to claim 7, wherein the light emitting device is at least one device selected from the group consisting of: a monitor of a desktop personal computer, a video camera, a head-mounted EL display, a DVD, a goggle type display, a
5 laptop personal computer, a portable telephone, a car audio equipment and a digital camera.

37. A light emitting device according to claim 8, wherein the light emitting device is at least one device selected from the group consisting of: a monitor of a desktop personal computer, a video camera, a head-mounted EL display, a DVD, a goggle type display, a
10 laptop personal computer, a portable telephone, a car audio equipment and a digital camera.